Dr. S. Sarkar
Professor

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Date: 18.11.2011

Enquiry letter for purchase of Hotwire

Sub: **Quotation for supply of Single wire - 02 and Cross wire – 01**

Tender Enquiry No.: ME/SS/04-2011

Sir / Madam,

With reference to the subject mentioned above, you are invited to submit the quotation for the following in a sealed cover by 29.11.2011.

1. 1D Wire (Single Wire)

The single wire should match to the existing hotwire anemometer, Multichannel MiniCTA 54N81. Following is the specification of the existing single wire.

Material - Tungsten
Plating - Platinum
Prongs - Stainless Steel
Sensor Diameter - 5µm
Sensor Length - 1.250mm
Active Sensor Length - 1.25mm
Resistance - 3.400 Ohms
Resistance Deviation 25%
Temperature Coefficient of Resistance - 0.360%
Leads Resistance - 0.5 Ohms
Maximum sensor temperature - 300^0C
Maximum Ambient Temperature - 150^0C
Maximum Overher ratio - 0.8

2. 2D Wire (Cross Wire)

The cross wire should match to the existing hotwire anemometer, Multichannel MiniCTA 54N81. Following is the specification of the existing cross wire.

Material - Tungsten
Plating - Platinum
Prongs - Stainless Steel
Sensor Diameter - 5µm
Sensor Length - 1.250mm
Active Sensor Length - 1.250mm
Resistance - 3.400 Ohms
Resistance Deviation 25%
Temperature Coefficient of Resistance - 0.360%
Leads Resistance - 0.5 Ohms
Maximum sensor temperature - 300^0C
Maximum Ambient Temperature - 150^0C
Maximum Overher ratio - 0.8

Terms and condition:-

1. **Sealed Quotation must reach to us till 29.11.2011 before 5.00PM**
2. **Price for each component should be mentioned separately in the quotation.**
3. **Prices should be FOR IIT Kanpur, India.**

Best regards,

Sincerely,

(SUBRATA SARKAR)
Name of the Indenter / PI
Dept of Mechanical Engg. IIT Kanpur